

IN THE CLAIMS:

1. (Original) A mobile unit for use with a radio transmission system having a plurality of base stations adapted for two-way radio communication and situated at respective geographical locations to define a corresponding plurality of overlapping service areas constituting one or more regions, the mobile unit comprising a receiver, control means for controlling the mobile unit, means for entering into the control means a predetermined service area, the control means being capable of recognizing entry of the mobile unit into the predetermined service area from an adjacent service area, and means for notifying a user of the unit of entry into the predetermined service area.

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2. (Original) A mobile unit according to claim 1 further comprising a transmitter and adapted to communicate by two-way radio with the base stations.

3. (Original) A mobile unit according to claim 1 or claim 2 wherein the predetermined service area is identified by the identification code of the corresponding base station.

4. (Original) A mobile unit according to any preceding claim wherein the user is notified by an audible, visible or mechanical alarm.

5. (Original) A mobile unit according to any of preceding claim comprising user operated means to enter into the control means information identifying a user selected service area as the predetermined service area.

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6. (Original) A mobile unit according to any preceding claim comprising means for enabling the user to instruct the control means to define the current service area as the predetermined service area.

7. (Withdrawn)
